Grow Sugar Beets

COLORED DOTS

The production of colored dots on the officials sheets of the Appomattox county ration boards is progressing on the farmers' ration books, according to reports from the ration boards. Only a few more days remain before the deadline for completing the vitally important work.

To Convert Fuel Oil From Farm Waste

Wheat straw, corn cobs and other vegetable materials, which have been considered valuable only as a source of fertilizer, may be converted into fuel oil, according to Dr. Lyman C. Huff, of the U. S. Department of Agriculture. Dr. Huff has developed a process for converting agricultural waste by the application of heat and pressure in the presence of a catalyst into a fuel oil which is said to be similar to petroleum.

Experiments have been carried on in the laboratory for the past two years, and a pilot plant is now being constructed at Albany, Calif., to test the process on a commercial scale. The Department of Agriculture has announced that the process is expected to be available to private industry after the war.

Campaign Saved Lives

Thousands of lives were saved in the fight against malaria in the South during the campaign conducted by the Tennessee Valley Authority and the U. S. Public Health Service, it was announced by Dr. Thomas Parran, surgeon general of the Public Health Service.

Since the campaign was started in 1942, malaria has been reduced by 90 per cent in the area, Dr. Parran said. Before the campaign began, there were 4,000 cases of malaria for every 100,000 persons in the area. Now there are only 400 cases for every 100,000 persons.

Early Chick Feeding

As soon as the chicks are dry in the brooder house, they should be fed, and the sooner the better. The first feeding should be given when they are 24 to 36 hours old. The chicks will eat their first feed with more relish if it is sprinkled on a piece of clean paper. After the first feeding, the chicks should be fed every two hours during the first week.

Farm Topics

Season for Winter Cover Crops Nears

Wider Use of Soil Improvements Sought

Winter cover crops are among the busiest workers on American farms. Beginning about September 1, they provide feed for livestock, hold the soil against erosion, aid land to absorb moisture, and when turned under in the spring, increase the soil's supply of essential elements.

Government reports show that the planting of cover crops is especially important in the east central and southern states. The South, within a single decade, increased its acreage under cover from a few hundred thousand to several million acres. There is still room for more cover crops, however.

Pasture farming profits, as well as production of food, fiber and oil crops depend to a great degree upon the added fertility, reduced erosion and increased production of cash crops derived from the use of a winter cover crop. This usually means more winter legumes such as Austrian winter peas, hairy vetch, crimson clover, bur clover and sour-clover, and more ryegrass, alfalfa, kudzu and lespedeza.

While rotations of crops depend upon climate, location and type of soil, cover crop programs, the benefits will make themselves increasingly felt.

Plowing Under Cover Crop.

Agriculture In the News
W. J. DRYDEN

Apples

The apple is being made into more delicious products by the processing industry than ever before. Apple juice, apple sauce, apple butter, apple jelly, apple pie filling, dried apples, and canned apples are all popular products. Apple cider is a favorite beverage in many homes. Apple vinegar is a by-product of the cider industry.

It takes, on the average, a bushel of apples to make 42 pints of apple sauce, 20 pints of apple butter, 12 pints of apple jelly, or 40 pints of apple juice.

Nutrition Knowledge Cuts Loss of Calves

Farmers would lose fewer calves if they had a better understanding of a few simple principles of calf nutrition, according to a report of the Veterinary Medical Association.

In the field of minerals, salt, iodine, iron and phosphorus are the ones to be watched most carefully. Iodine deficiency diseases can be prevented by including 1 per cent of iodized salt in the grain mixture. Iron, added salt, phosphorus, Calcium and phosphorus deficiencies are prevented by including 1 per cent of calcium and phosphorous supplements in the grain mixture, or adding skim milk fed at the rate of 10 pounds per day. Calcium or phosphorus is needed.

Beef And Dairy Cows Selected for Type

While it is essential that the characteristics of the breed be dependable, the temperament, capacity, mammary system, health, breed record as well as market demands, must play an important part in selection of beef or dairy cattle.

Generally the dairy cow will have a good type if she is much wider in the hooks or pinbones and narrow down to a fine point at the withers or top of her shoulders.

Produce Quality Hay

Tests conducted at the Wyoming experiment station indicates that the maximum digestible nutrients in hay is dependent upon the stage at which hay is cut. Alfalfa should be cut when one-tenth in bloom. Timothy and grass hays should be cut when the plant is in full bloom. Leaves or grass or alfalfa hay carry the heaviest portion of nutrients, so extreme care should be made to harvest hay when it will retain the leaves.

TIPS ON SAVING SUGAR SUPPLIES

Everyone who has anything to do with cooking is thinking of sugar substitutes these days, something to stretch sugar ration from now until September. Most of us have always been using honey, molasses, cane, corn and maple syrup to replace sugar in certain dishes. But perhaps you aren't quite sure how to judge the recipe.

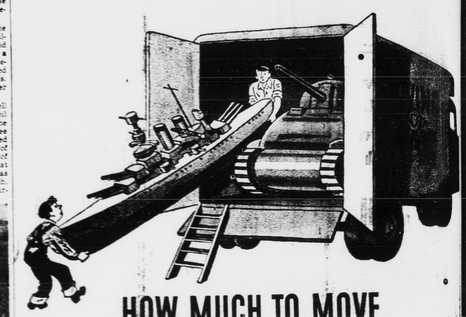
Well, food specialists of the Virginia Agricultural Extension Service say that honey might be used to replace sugar in baking, cup for cup. There are just two tricks to it, remember to use only half of the other liquid the recipe calls for, and be sure to keep the baking temperature moderate.

In using corn, cane, or maple syrup, you have to be a little better at fractions. Replace the sugar called for in the recipe measure for measure and reduce the liquid one third. In other words, if your recipe calls for one cup of sugar and a cup of milk, use one cup of syrup and two-thirds of a cup of milk.

There's another thing to remember in substituting syrup for sugar...don't use a syrup with a distinctive flavor such as maple syrup, with a fruit whose flavor it will disguise.

General Buckner is killed in action on Okinawa.

Congress debates terms of extension of OPA.



HOW MUCH TO MOVE A WAR?

AS SOON as we can, we'll bring to bear on the Japs all the additional might we've been using against Germany.

What will it cost, this Moving Day of War?

Estimate it in these terms: The job of moving millions of men from one front to another, thousands of ships to carry the supplies of battle. Swarms of new-type aircraft to blast the path into enemy territory.

You can get an idea of the cost from the fact that Uncle Sam needs 7 billions from us in the mighty Seventh War Loan—now!

The Seventh War Loan will call for the greatest bond-buying we have ever done.

If you have an income—whether from work, land or capital—you have a quota in the 7th War Loan.

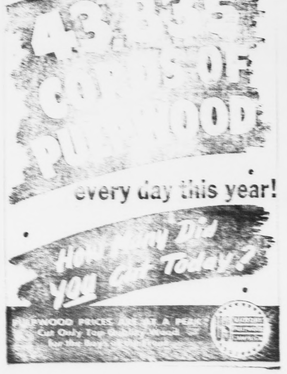
FIND YOUR QUOTA . . . AND MAKE IT!

IF YOUR AVERAGE INCOME PER MONTH IS	YOUR PERSONAL WAR BOND QUOTA (CASH VALUE)	MATURITY VALUE OF 7TH WAR LOAN BONDS BOUGHT
$336	$187.50	$250
337-396	150.00	200
216-253	131.25	175
200-215	112.50	150
180-200	93.75	125
160-180	75.00	100
100-140	37.50	50
Under $100	18.75	25

ALL OUT FOR THE MIGHTY 7th WAR LOAN

Paid Advertisement

Uncle Sam Needs



The body form of the dairy cow should be wedge-shaped while that of the beef animal is rectangular, as shown.

FRED: "Is it true, Judge, that a war can't be won without the use of war-alcohol... the kind the beverage distillers have been producing for the government for over two years?"

OLD JUDGE: "That's right, Fred. It is a basic ingredient in the smokeless powder used in virtually every firearm from a pistol to a 240-mm gun. And in addition, it plays a more human role. The medical supplies which our military doctors use to alleviate pain, combat infection, save lives are prepared with war-alcohol."

FRED: "No wonder, then, more and more people are recognizing the great contribution our beverage distillers have made to the winning of the war with their domestic product."

The information given by Distillers of Alcoholic Beverage Industry, Inc.

pout Spring

pout Spring, June 18.- Mrs. H. Marshall, of Roanoke, is spending several weeks at her home here.

rs. A. W. Dean is spending time in Richmond, Va.

Miss Clarkie Cheatham visited ends at Crewe, Va., several days week.

rs. A. A. Steele and daughter, of Alabama are visiting her nts, Mr. and Mrs. W. E. Dickson.

Miss Jean Howerton, of Lynchg, visited relatives here Sunday.

Mrs. Hunter Jamerson and Miss rgrode Le Warren gave a miscellaneous shower last Thursday noon in honor of Mrs. Mary Le ren Campbell, a recent bride.

rgeon Davidson recently spent time with her aunt, Mrs. ha Williams, of Lynchburg.

Ensign Smith spent Sunday with father, R. W. Smith.

Pera

Pera, June 18.- Mr. and Mrs. thew Page left Sunday for Oak, Florida, after spending weeks with his parents, Mr. Mrs. W. B. Page. He will d a week with his wife and rents, Mr. and Mrs. L. M. of Live Oak, Florida, before rning to Jacksonville, Florida, ary.

Matthew Page has been home on ry day leave from overseas' e to be spent 13 months in ser-

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General Buckner is killed in action on Okinawa.

Congress debates terms of extension of OPA.

NOTHING LESS THAN THE BEST
Is Good Enough for the ONLY pair of Eyes You'll Ever Have
Consult Your EYE PHYSICIAN Then See Your GUILD OPTICIAN
A. G. Jefferson
Ground Floor Allied Art. Bldg.
LYNCHBURG, VA.
EXCLUSIVELY OPTICAL

How women and girls may get wanted relief from functional periodic pain
Cardui is a liquid medicine which thousands say has brought relief from the functional monthly disorders of your strain of womanhood. Here's how it may help:
1 Taken like a tonic, it should stimulate appetite, aid digestion, thus help build resistance for the "times" to come.
2 Started 3 days before your period starts, it should help relieve pain due to purely functional periodic causes.
Try Cardui. If it helps, you'll be glad you did.
CARDUI
A WOMAN'S MEDICINE

NEWS FROM PHILLIPS SECRETARIAL COLLEGE

Summer term opened Monday, June 18, at Phillips Secretarial College. New class schedules were started by all students. The election of summer quarter officers was held last week and the new officers were introduced in the final assembly of the spring term.

Miss Elizabeth Thompson, of Appomattox is secretary for the summer term.

Mobile Power Stations

American - built mobile power plants saw real front-line duty on the eastern front, according to an information bulletin issued by the embassy of the Soviet union. "They invariably followed in the wake of the advancing Red army," the embassy bulletin stated. "Since the first days of the offensives, mobile stations traveled to the front with the armored trains and rendered invaluable service to the tank and truck repair shops, supplying them with power. The stations played a vital part in restoring Stalingrad, the Donbas, the Crimea, Zaporozhye, Krivoi, Rog, Gomel, Minsk, and other cities," it relates. "The People's Commissariat of Power has sent 39 new mobile power stations to the liberated districts."

Control Borer

The European corn borer was introduced into this country from Europe, where it was attacked and in part held in check by several species of parasites which developed upon and destroyed a fair percentage of the corn borer. When the corn borer was introduced into the United States these parasites were left behind. As a consequence the corn borer populations have increased to abnormally high levels in the absence of their parasitic enemies. Several years ago some of these parasites were introduced and became established in some of the Atlantic seaboard states. Recent reports indicate that the parasites now contribute materially to the control of the corn borer in that area.

Golden Hamster

The golden hamster normally lives in the warm climate of Syria. It was actually discovered in 1930 in excavations then being dug there. A trifle under 6 inches long, with a coat of beautiful golden fur, the hamster is considerably huskier than a chipmunk, tame and attractive, but plenty tough if he thinks he is being pushed around. When angered, he emits a series of yells that sound much like Donald Duck. The females, of course, are by far the most pugnacious, and give other occupants of the cages, especially the males, some nasty maulings. A cage full of males is usually quiet.

Chap News

Chap, June 19.- The recent rains are very helpful to crops and garde.ns.

Miss Arana Ferguson, of Washington spent the week end with home people.

Randolph Powell, of Roanoke is spending awhile in the home of Everette Ferguson.

Pfc. Albert Baron, of Camp Pickett spent the week-end in the home of Floyd Smith.

The small child of William Mayberry fell into a tub of hot water last Thursday and was seriously scalded.

Mrs. John Love and daughter, Emma, of Newport News are visiting home people.

Mr. and Mrs. W. M. Mann spent Saturday in Lynchburg.

Mrs. Victor Jones visited in the ome of Dean Pugh Sunday.

A family reunion was held in the home of Dan by on Sunday, June 10.

Recent visitors of Mrs. S. B. ore were Thornton Fore, Mr. and Mrs. Otey Jones and daughter, Hilda, Floyd Smith and daughter, Lewis, and Pfc. Albert Baron.

Mrs. Dewitt Harvey was on the sick list Sunday.

Mrs. Floyd Smith's cow was killed by lightning Sunday night.

Old and New Travel Blend in Latin America

It is interesting to note that today old and new methods of transportation exist together under Latin-American skies. Progress and tradition join hands as the very old ways mingle with the very new: llamas take a noonday snooze in the shadow of an airliner; Indians loaded with a hundred pounds of pottery trot along the same road on which trucks whizz by. Transportation on human back, be it of a baby or of a load of hay, is still popular in many a country of the hemisphere, where often, also, porter with handtrucks are for rent at a moderate price.

The beast of burden performs many a service throughout the continent: a loaded llama is a familiar sight even today on the roads of Andean highlands while the Mexican burro has long been the inseparable and extremely useful companion of the poor man for whom he draws carts, carries burdens, while also lending his tough hide and patient disposition as a mount. The prairies of Uruguay and Argentina and some parts of Chile are the domain of the horse thanks to which the Gaucho covers long distances in this cattle country.

More modern methods, however, provide competition to animal transportation. Buses and trucks, cabs and cars have long become an indispensable means of circulation and transportation in every country of Latin America and it is because of them and their need for smooth roads that the continent is today a thick if somewhat irregular network of highways of which the most important is naturally the Pan American highway, slowly advancing over the rocky ranges and along deep ravines. Railways in South America cross some of the highest mountains in the world. The line from Lima to Huancayo, Peru, running 258 miles, rises from 512 to 15,693 feet. Narrow gauge lines frequently connect the mining town and oil fields with coast towns and shipping centers.

AT FIRST SIGN OF A COLD USE 666
Cold Preparations as directed.

Farm Topics

Steps in Shearing Sheep Simplified

One or a Thousand Its Rules Are Necessary

The following steps, condensed and simplified, are given for guidance and improvement of the shearer, whether he handles one or a thousand sheep.

1. First strokes are downward from brisket. Run three or four

Steps in Shearing.

strokes down from under right foreleg to flagk to open a starting place for strokes across belly.

2. Remove body wool with nearly straight - around strokes across belly. Shear inside of right leg from foot toward tail. Continue strokes until leg and hip are cleaned.

3. Open up neck with stroke from brisket to jaw and on right side of neck, then left jaw, side of face and top of head. Shear left shoulder and foreleg.

4. Shear the left side with long strokes from hip to shoulder.

5. Finish shearing left side, taking two strokes beyond the backbone the whole length of sheep's back and neck. Shear right side of head and neck.

6. Shear right side of shoulder and right side down to hind leg. Shear right hind leg, starting near backbone.

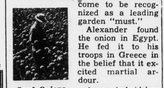
Holder for Feed Pail

The accompanying sketch shows a simple device for feeding calves from a pail without having to hold it. The holder prevents the animal from tipping over the feed pail.

Agriculture In the News
W. J. DRYDEN

Onions

Next to salt, the world's most valuable seasoning is the onion. It has come to be recognized as a leading garden "must."



Seed Onions

Alexander found the onion in Egypt. He fed it to his troops in Greece in the belief that it excited martial ardour.

A new hybrid has been produced in California which yields 38 tons to the acre.

In 1597, John Gerard reported that onions were good against the biting of a mad dog, for colds, biles, to grow hair, for burns, or gun wounds. He also said it caused headaches, weakened the eyes, dulled the senses and provoked oversleep.

The volatile oil of onion has been found by Russian scientists to contain a bacteria-killing substance. Onion paste is being used in Russia to heal wounds and guard against infections.

Dehydrated onions have proven a most important item for overseas shipping. French fried onions promise to become more popular as the supply of odorless onions becomes larger.

Feed Needed by Cows

In planning the dairy cows requirement, two tons of good quality legume or mixed legume hay should be harvested per cow, or one ton of good quality legume hay or mixed legume roughage, and three tons of silage per cow.

Twenty bushels of corn and 20 bushels of oats should be harvested for each cow. In addition five bushels of soybeans, when silage is provided, or 2½ bushels where silage is not available.

Build Your Post - War Plans Upon a Solid Foundation of -WAR BONDS-
Keep on keeping on with your War Bond Investment Program
We shall be pleased to serve your financial requirements in war and in peace
The Bank of Appomattox
MEMBER F. D. I. C.

Evergreen

Evergreen, June 18.- Mrs. Louise Popes and sons returned home Sunday after spending some time with her parents, Mr. and Mrs. T. T. Evans.

Miss Joanne Cheatham is visiting Miss Joan Lawson in Greensboro, North Carolina.

Mr. and Mrs. Morris T. Layne, of Goode, Virginia have announced the birth of a daughter, born June 10.

Mrs. Carter Martin was the guest of Miss Lindy Warriner last week.

Miss Ethel Garrett had her tonsils removed last week and is getting along nicely.

Misses Martha and Peggy White of Lynchburg are visiting their grandparents, Mr. and Mrs. J. C. Staples.

Mrs. Edna Warren, of Philadelphia is visiting her brother, John Young.

Mr. and Mrs. James Evans and daughter, Doris called to see Mr. and Mrs. W. E. Warriner Thursday night.

Mr. and Mrs. Ernest Farrar spent Monday in Lynchburg.

Mrs. Ernest Farrar spent Wednesday afternoon with Mrs. James Evans.

Mrs. Roy Conner and daughter have returned home after spending the month of May in the home of Mr. and Mrs. J. R. Conner.

Miss Dorothy Austin visited Miss Lindy Warriner Sunday night.

Mr. and Mrs C. M. Evans visited Miss Blannie Evans Sunday.

Misses Martha and Peggy White of Lynchburg visited Miss Doris Evans Friday night.

Miss Lindy Warriner visited in Lynchburg Sunday night.

Those visiting Mr. and Mrs. James Evans Sunday were Pvt. and Mrs. Ryland E. Phelps and son, of Lynchburg and Mr. and Mrs. M. L. Hudson.

Miss Margaret Garrett visited her parents, Mr. and Mrs. W. C. Garrett last week-end.

Mr. and Mrs. Ernest Farrar and Wesley were dinner guests Sunday of Mr. and Mrs. W. C. Garrett.

Hats and Gloves

thoroughly cleaned and restored to original shape. Like new.
OUR MR. CLARK WILL CALL
Crutchfield's
CLEANERS and DYERS
LYNCHBURG, VA.

Don't Worry About Us!
We'll do it!"

THEY tell us that the fat salvage problem has got to be licked in the small cities, the towns and on the farms.
Our country has to have one hundred million more pounds of used fats this year. And we're the people who must save it.
We've rolled up our sleeves! We'll save every drop and bit possible... and keep doing it till the last Jap is licked.
HOW TO DO IT: Save all used fats in a tin can. Keep it handy to the stove. Scrape your broilers and roasting pans, skim soups and gravies. Keep meat trimmings and table scraps in a bowl. Melt them down when your oven's going, add the liquid fat to the salvage can. Take can to your butcher as soon as it's full. He will give you four cents and two red points for every pound. Your County Agent or Home Demonstration Agent can give you full particulars.
100,000,000 More Pounds of Used Fats Are Needed This Year!
Approved by WFA and OPA. Paid for by Industry.

J. C. Hudgins
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Appomattox, Va.
Service within the means of all
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